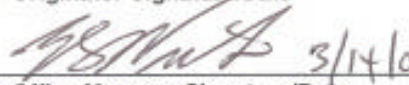
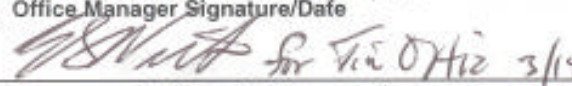
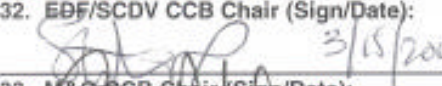



ECS Configuration Change Request

Page 1 of 3 Page(s)

1. Originator Evan Winston	2. Log Date: 15 MAR 01	3. CCR #: 01-0229	4. Rev: —	5. Tel: (301) 925-0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: TE 5B.07_PDPS.01 to DAACs, PVC & VATC. Provides fix for 30066, 28040 & others to PLANG, PRONG, and EcDpPREM.						
9. Originator Signature/Date  3/14/01		10. Class II	11. Type: CCR	12. Need Date: 3/14/01		
13. Office Manager Signature/Date  for Eric Ortiz 3/14/01		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact: None		18. CI(s) Affected: DPS, PLS		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR 28040 (reported in 5B.07_DPS.01 3/12/01), 30066, 29629, 29503, 29913.						
23. Problem: (use additional Sheets if necessary) 30066 Changed PInotification.C..h..ic to create an insertionTime data member.Changed the table retrieval method to retrieve record from the PInotification table sorted by insertion time. 28040: Fixed the code to allow concurrent staging of common input granules. 29503 Modified DpPrDSSInterface::AcquireOneGranuleFromSDSRV to correctly test for MOD000 Granules and acquire at VHigh only for these granules. 29629: Corrects template modification problem when more than one entry existed for a DEM file. 29913: Added a line to specify the machine in addition to fileName and UR.						
24. Proposed Solution: (use additional sheets if necessary) This TE provides correction for the NCRs listed above. This TE must be loaded on top of 5B.07 systems. replaces 5B.07_DPS.01 This TE is required at GSFC and LaRC, other sites install as needed.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) PDPS problems will continue to affect DAACs, PVC, VATC.						
27. Justification for Emergency (If Block 15 is "Emergency"): Corrects items on ECS top priority list.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):  3/15/2001		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB				
33. M&O CCB Chair (Sign/Date):  3/14/2001		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB				

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ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 01-0229 Rev: ~ Originator: Evan Winston

Telephone: x0348 Office: 2013

Title of Change: TE 5B.07_PDPS.01 to DAACs, PVC & VATC. Provides fix for 30066, 28040 & others to PLANG, PRONG, and EcDpPrEM.

CONTENT:
CM: PLEASE,

TE "5B.07_PDPS.01" This is a SUN Tar file and consists of the following packages from the 5B.07 (5B6A) baseline.
Packages from /ecs/formal/PDPS/DPS/PRONG:

.EcDpPrPLNMGMTWS.pkg
.EcDpPrQUESRVR.pkg

Package from /ecs/formal/PDPS/DPS/SSIT

.EcDpAITWS.pkg

Packages from /ecs/formal/PDPS/PLS

.EcPIODPRM.pkg
.EcPIPLNMGMTWS.pkg
.EcPIQUESRVR.pkg

SMC: Receive the TAR file and make available to the DAACs.

Install Instructions:

TE is to be loaded on top of PDPS installations of 5B.07. This supercedes 5B.07_DPS.01
This TE is required at GSFC and LaRC, other sites install as needed.

INSTALLATION:

1. Get TAR Files from SMC distribution;
2. UNTAR the files and copy to the staging area. UNTAR the files and copy to the staging area using the Setup.ksh file.
3. On a SUN host, use E.A.S.I. to perform automated installation of the .EcDpAITWS.pkg and the all the other listed packages as follows:
 - a. Select the Mode to be installed
 - b. Enter the location of the staged files
 - c. Select CUSTOM and Click Next
 - d. Select the "Subsystem" entry in the "Sort By" box.
 - e. Expand the tree down by the DPS icon and then by holding the shift key select the EcDpAt icon and the PRONG icon as well.
Also expand down the PLS icon and select the PLS package icons
 - f. You should have Selected all the .pkg packages listed above; Click Next.
 - g. Select Install as the Installation Phase and Click Next
 - h. Select STAGE as the Source File Location . Click Next
 - i. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next
 - j. Click COMM and ensure all DPS Sun hosts and PLS SUN hosts turn green, signaling they are communicating with ECS E.A.S.I.

ORIGINAL

k. Click INSTALL and monitor each host. Ensure each DPS Sun host and PLS hosts turns green signaling a successful installation.

l. No Database updates are required.

ECSeD30066 Summary of all NCR fixes:

Changed PINotification.C,.h,.ic to create an insertionTime data member. Changed the table retrieval method so that when checking for failed/internal dynamic notifications, it will retrieve records from the PINotification table sorted by insertion time.

Files in Task:

/ecs/formal/PDPS/PLS/PLANG/src/SubsMgr/PINotification.C
/ecs/formal/PDPS/PLS/PLANG/src/SubsMgr/PINotification.h
/ecs/formal/PDPS/PLS/PLANG/src/SubsMgr/PINotification.ic
/ecs/formal/PDPS/PLS/PLANG/src/SubsMgr/PISubscriptionManager.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C

Merge # M010309004

Build Impact:

SubMgr and DataMgr executables

Test Instructions for Checkout Lab:

Run the Modis scenario and, after the MOD PGE01 has produced the dynamic inputs for PGE02, check the "Checking For Failed Notifications" thread in the SubMgr debug log to ensure that the notifications are being processed in order of insertion time.

ECSeD28040 Summary of all NCR fixes:

Fixed the code to allow concurrent staging of common input granules.

Files in Task:

/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.h
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrFile.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.h

Build Impact:

/ecs/formal/PDPS/DPS/lib/sun5.5/DpPrDM.a
/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM

Test Instructions for Checkout Lab:

Run an ASTER and MODIS regression test - verify common input granules are staged concurrently.

ECSeD29503 Summary of all NCR fixes:

Modified DpPrDSSInterface::AcquireOneGranuleFromSDSRV to correctly test for MOD000 Granules and acquire at VHigh only for these granules

Files in Task:

/ecs/formal/PDPS/DPS/PRONG/src/DssIF/DpPrDSSInterface.C
/ecs/formal/PDPS/DPS/PRONG/src/DssIF/DpPrDssStubs.C
/view/dsims_vh295035B/ecs/formal/PDPS/DPS/PRONG/src/DssIF/DpPrDSSInterface.C

Build Impact:

EcDpPrEM

Test Instructions for Checkout Lab:

Run Modis and Aster scenarios.

Verify on the DDIST GUI that only MOD000 is acquired at VHigh priority

ECSeD29629 Summary of all NCR fixes:

Corrects template modification problem when more than one entry existed for a DEM file.

Files in Task:

/ecs/formal/PDPS/DPS/PRONG/src/ExecMgmt/DpPrPcf.cxx
/ecs/formal/PDPS/DPS/PRONG/src/ExecMgmt/DpPrPcf.cxx

Build Impact:

/ecs/formal/PDPS/DPS/lib/sun5.5/DpPrEM.a
/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM

Test Instructions for Checkout Lab:

Run ASTER and MODIS regression tests and verify that entries are correctly generated in the PCF.

ECSeD29913 Summary of all NCR fixes:

Added a line to specify the machine in addition to fileName and UR

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Files in Task:

/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C

/view/pacharya_NCR29913_5B/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C

Build Impact:

EcDpPrEM

Instructions for Checkout Lab:

Run aster or modis with this fix

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